Application/Control Number: 09/890,702

Art Unit: 2600

Clmpto Klv 01/09/02

1. Method to find members of a common interest group with a mobile device, wherein:

at least one database is built in which a plurality of interest groups are stored, these interest groups comprising users of terminals, the database being stored in at least one server accessible from within a radio network.

a message being sent to at least one member if he is in the vicinity of another member of a common interest group.

## Page 1 of 3

- 2. (amended) The method of the preceding claim 1, wherein location determining means are provided that monitor the location of a plurality of members, and wherein said message is prepared by said server if it recognizes on the basis of the results of said location determining means that two members of the same interest group are in each other's vicinity.
- 3. (amended) The method of the preceding claim 2, wherein said location determining means determine the location of members through signals from a location determining satellite.
- 4. The method of claim 2, wherein said location
  20 determining means determine the location of members through signals from a plurality of basis stations in the radio network.

Application/Control Number: 09/890,702

Art Unit: 2600

- 5. (amended) The method of one of the preceding elaimoclaim 1, wherein said message is sent as an SMS message.
- 6. (amended) The method of one of the preceding elaimsclaim 1, wherein said message is sent as an USSD message.
- 7. (amended) The method of ene of the preceding elaimsclaim 1, wherein said message is sent as a GPRS packet.
- 8. (amended) The method of one of the preceding claimsclaim 1, wherein said message is sent as an IP packet.
- 9. (amended) The method of ene of the preceding elaimsclaim 1, wherein said message is sent as an e-mail.
- 10. (amended) The method of one of the preceding claimsclaim 1, wherein certain members decide that a message should be sent to them each time a member of a common interest group is nearby.
- 11. (amended) The method of ene of the preceding elaimsclaim 1, wherein certain members decide that they want to receive messages only when they send a specific demand to said server.
  - 12. The method of claim 1, wherein at least certain mobile devices contain a close-range contactless interface,

and wherein these mobile devices send said message over said contactless interface as soon as they find another mobile device in the vicinity belonging to a member of a common interest group.

- 13. (amended) The method of ene of the preceding elaims claim 1, wherein the member can self-register in an interest group.
- 14. (amended) The method of the preceding claimclaim 13, wherein the members can register with an interest group with their mobile devices.
- 15. (amended) The method of the preceding claim 14, wherein the members can register with an interest group with a registration message prepared with their mobile devices.

Application/Control Number: 09/890,702

Art Unit: 2600

- 16. The method of claim 13, wherein the members can register with a voice message.
- 25 The method of claim 12, wherein the members can register with a interest group by Internet.

Art Unit: 2600

## Page 2 of 3

- 18. (amended) The method of one of the proceeding elaimsclaim 1, wherein third parties register members with an interest group.
- 19. (amended) The method of one of the preceding elaimsclaim 1, wherein membership with a group is certified.
- 20. (amended) The method of enc-of the preceding claimsclaim 1, wherein membership with a group is certified by third parties.
- 21. (amended) The method of the preceding claim 20, wherein third parties file a registration certificate in said database.
- 22. (amended) The method of the preceding claim 21, wherein third parties file a registration certificate in the mobile devices of said members.
- 23. (amended) The method of one of the preceding elaimsclaim 1, wherein at least certain members are only registered temporarily in an interest group.
- 24. (amended) The method of the preceding claim 23, wherein the membership is time-limited.
- 25. (amended) The method of one of the preceding elaimsclaim 1, wherein said database is managed by the operator of said radio network, and wherein the registration with a group and/or the sending of said message is billed by said operator.
- 26. (amended) The method of <del>on of the claims 1 to 24</del>claim 1, wherein said database is managed by third parties.
- 27. (amended) The method of one of the preceding claimsclaim 1, wherein said message is electronically signed.
- 28. (amended) The method of enc-of the preceding claimsclaim 1, wherein said message is electronically encrypted.
- 29. (amended) The method of enc-of the preceding elaimsclaim 1, wherein the maximum distance between the members of a common interest group is determined by the manager of said interest group in order to send said message.
- 30. (amended) The method of one of the preceding elaimsclaim 1, wherein the maximum distance between the

Art Unit: 2600

## Page 3 of 3

members of a common interest group is determined by said member in order to send said message.

31. (amended) The method of one-of-the preceding claimsclaim 1, wherein certain members temporarily prevent messages from being sent to them about the presence of members of common interest groups.

- 32. (amended) The method of one of the preceding elaimsclaim 1, wherein certain members temporarily prevent messages from being sent to them about their present location to other members of common interest groups.
- 33. (amended) The method of one of the preceding elaimsclaim 1, wherein said message contains identification characteristics that enable the identification of said nearby member.
- 34. (amended) The method of one of the preceding claimsclaim 1, wherein said message contains the telephone number of said nearby member.
- 35. (amended) The method of the preceding claim 34, wherein said telephone number is not displayed.
- 36. (amended) The method of claims 34-or 35, wherein the member, having received a said message, can build a connection with said member of a common interest group without typing this member's telephone number.
- 37. (amended) The method of one-of-the preceding elaimsclaim 1, wherein said message contains an identification of said participant that is necessary for a connection over the close-range contactless interface.
- 38. (amended) The method of the preceding claim 37, wherein said close-range contactless interface is a Bluetooth interface.
- 39. (amended) The method of claims 37—to—36, wherein said member, having received said message, can build a direct connection with said nearby member over said contactless interface.

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Art Unit: 2600

40. System with which members of a common interest group can find other members, comprising:

at least one server accessible from a radio network, in which at least one database is stored, in which a plurality of interest groups are stored, these interest groups comprising mobile phone users,

location determining means for monitoring the location of the members,

means for sending messages, if a plurality of members of a common interest group are simultaneously situated within a predefined distance of each other.